ABSTRACT

A connector, and an associated method, for connecting an electrical circuit component to a substrate, such as a printed circuit board. The connector is formed of one of more pin members formed of an electrically-conductive material which exhibits physical-memory characteristics. The pin member is initially configured into a memory configuration and thereafter reconfigured into an alternate reconfiguration. The alternate configuration is selected to facilitate mounting of the circuit component upon the substrate. Thereafter, the pin member is heated to beyond a deformation threshold temperature. When at such temperature, the pin member becomes reconfigured into the memory configuration. Through appropriate selection of the memory configuration, heating of the pin member causes connection of the circuit component with the substrate.